Recombinant Full Length Human HYKK Protein, GST-tagged

Cat. No. HYKK-5730HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HYKK full-length ORF (ENSP00000353710, 1 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	172 amino acids
Description	HYKK (Hydroxylysine Kinase) is a Protein Coding gene. Diseases associated with HYKK include Nicotine Dependence, Protection Against. Among its related pathways are Lysine degradation and Viral mRNA Translation. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and hydroxylysine kinase activity.
Molecular Mass	45.2 kDa
AA Sequence	MSSGNYQQSEALSKPTFSEEQASALVESVFGLKVSKVRPLPSYDDQNFHVYVSKTK DGPTEYVLKISNTKASKNPDLIEVQNHIIMFLKAAGFPTASVCHTKGDNTASLVSVDS GSEIKSYLVRLLTYLPGRPIAELPVSPQLLYEIGKLAAKLDKTLQEGKPRVTPLLAKN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HYKK hydroxylysine kinase [Homo sapiens (human)]
Official Symbol	HYKK
Synonyms	HYKK; hydroxylysine kinase; AGPHD1; Hydroxylysine Kinase; Aminoglycoside Phosphotransferase Domain-Containing Protein 1; 5-Hydroxy-L-Lysine Kinase; 5-Hydroxylysine Kinase; Aminoglycoside Phosphotransferase Domain Containing 1; EC 2.7.1.81; hydroxylysine kinase; 5-hydroxy-L-lysine kinase; 5-hydroxylysine kinase; aminoglycoside phosphotransferase domain-containing protein 1
Gene ID	123688
mRNA Refseq	NM_001013619
Protein Refseq	NP_001013641
MIM	614681
UniProt ID	A2RU49

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